

Johnson, Bill H (DNR)

From: David Blaha <[REDACTED]>
Sent: Wednesday, February 01, 2012 5:58 AM
To: Al Trippel; Carlson, Erik (DNR); Arkley, Stuart (DNR)
Subject: FW: Mine site model update

Here is a status update from Fred

They are almost completely thru the Mine Site model and have not identified any major problems, only some minor and easily correctable issues

They expect to have the Plant site model done on Thursday

I will keep you posted

From: Fred Marinelli [[mailto:\[REDACTED\]](mailto:[REDACTED])]
Sent: Wednesday, February 01, 2012 1:25 AM
To: David Blaha
Cc: Houston Kempton; Paul Haby; Valerie Mino
Subject: Mine site model update

Dave,

Houston is handling the geochemical inputs and his email provides a summary of his progress.

We have checked all deterministic input values and are nearly finished with checking units.

We have done an extensive spot-check of uncertain variables that includes (1) checking the shapes of cumulative frequency distributions of model generated values and (2) checking statistical inputs (e.g., means, standard deviations) and distributions types used in the model.

We have compiled a summary of issues and problems identified in the Mine Site Model that is less than one page. There are very few issues of concern and the one's identified can be easily corrected by Barr if they agree. At this point we have a high level of confidence that there are no major systematic problems with the model and it can be revised quickly by Barr. We will work about half of tomorrow morning to tie up any loose ends and will email you the summary at that time.

Then on to the Plant Site Model, which should go faster now that we have developed some tools for evaluating the uncertain inputs.

Regards,

Fred

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Fred Marinelli
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